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|---|-----|---|---|---------------------|
| - | 3 | 6614861.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/12 17:14 |
| - | 2 | 6128330.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/04/12 17:14 |
| - | 0 | (tanner-rudolf.in.) and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:51 |
| - | 0 | (bevan-damian.in.) and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:02 |
| - | 0 | (grant-alex.in.) and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:52 |
| - | 0 | ((nortel adj network\$1 adj limited) and ((space adj2 time adj coding) or (stc))) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:53 |
| - | 9 | 375/265.ccls. and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:54 |
| - | 3 | (375/265.ccls. and ((space adj2 time adj coding) or (stc))) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:03 |
| - | 0 | ((375/265.ccls. and ((space adj2 time adj coding) or (stc))) and @ad<19990723) and ((antenna adj2 diversity) near symbol) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:00 |
| - | 2 | 6115427.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:59 |
| - | 7 | 375/267.ccls. and (de adj2 multiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:00 |
| - | 0 | (375/267.ccls. and (de adj2 multiplex\$3)) and ((antenna adj2 diversity) near symbol) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:00 |
| - | 3 | (375/267.ccls. and (de adj2 multiplex\$3)) and ((antenna adj2 diversity)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:00 |
| - | 0 | ((375/267.ccls. and (de adj2 multiplex\$3)) and ((antenna adj2 diversity))) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:02 |
| - | 198 | ((space adj2 time adj coding) or (stc)) same (demultiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:14 |
| - | 0 | ((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity) with symbol) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:03 |
| - | 3 | ((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:05 |
| - | 3 | ((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity))) and symbol | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:03 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|---------------------|
| 1 | 0 | (space adj2 time adj2 cod\$3) same (refin\$5 adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:09 |
| 2 | 4 | (space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5 or perfect\$3) adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:15 |
| 3 | 1 | ((space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5 or perfect\$3) adj2 estimat\$5)) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:15 |
| 4 | 2 | (space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5) adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:23 |
| 5 | 0 | ((space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5) adj2 estimat\$5)) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:15 |
| 6 | 6305 | ((refin\$5 or improv\$5) adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:24 |
| 7 | 356 | ((refin\$5 or improv\$5) adj2 channel adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:24 |
| 8 | 0 | ((refin\$5 or improv\$5) adj2 channel adj2 estimat\$5)) and (remov\$3 adj2 expect\$3 adj2 effect\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:34 |
| 9 | 3 | remov\$3 adj2 expect\$3 adj2 effect\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:35 |
| 10 | 0 | (remov\$3 adj2 expect\$3 adj2 effect\$1) and channel adj2 estimat\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:35 |
| - | 1459 | nortel adj network\$1 adj limited | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/09 11:30 |
| - | 5984 | (nortel adj network\$1 adj limited) and (space adj2 time adj coding) or stc | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/09 11:31 |
| - | 7 | (nortel adj network\$1 adj limited) and ((space adj2 time adj coding) or stc) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/12/09 11:32 |
| - | 0 | ((nortel adj network\$1 adj limited) and ((space adj2 time adj coding) or stc)) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:52 |
| - | 0 | (damian adj bevan) and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:51 |
| - | 0 | (rudolf adj tanner) and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:50 |
| - | 0 | (alex adj grant) and ((space adj2 time adj coding) or (stc)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 14:52 |

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|---|-----|---|---|---------------------|
| - | 0 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity))) and symbol) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:13 |
| - | 0 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:14 |
| - | 0 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity))) and ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:07 |
| - | 1 | 375/267.ccls. and ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:06 |
| - | 0 | (375/267.ccls. and ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol))) and (de adj2 multiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:07 |
| - | 0 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity))) and ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol)) and (de adj2 multiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:11 |
| - | 0 | ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol)) and (de adj2 multiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:07 |
| - | 0 | (space adj2 time adj2 symbol) same (de adj2 multiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:08 |
| - | 4 | ((antenna\$1 adj2 diversity)) same (de adj2 multiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:11 |
| - | 0 | ((antenna\$1 adj2 diversity)) same (de adj2 multiplex\$3)) and stc | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:12 |
| - | 0 | ((antenna\$1 adj2 diversity)) same (de adj2 multiplex\$3)) and sts | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:12 |
| - | 0 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and (trellis adj2 encod\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:13 |
| - | 6 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and trellis | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:13 |
| - | 0 | (((((space adj2 time adj coding) or (stc)) same (demultiplex\$3)) and trellis) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:15 |
| - | 205 | ((space adj2 time adj encod\$3) or (stc)) same (demultiplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:14 |
| - | 0 | (((((space adj2 time adj encod\$3) or (stc)) same (demultiplex\$3)) and ((antenna\$1 adj2 diversity) and (space adj2 time adj2 symbol)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:14 |
| - | 3 | ((space adj2 time adj encod\$3) or (stc)) same (demultiplex\$3)) and ((space adj2 time adj2 symbol)) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:15 |

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|---|------|---|---|---------------------|
| - | 0 | (((space adj2 time adj encod\$3) or (stc)) same (demultiplex\$3)) and ((space adj2 time adj2 symbol))) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:16 |
| - | 0 | ((antenna or spatial) adj2 diversity) same demulitplex\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:16 |
| - | 4 | ((antenna or spatial) adj2 diversity) and demulitplex\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:16 |
| - | 4 | (((antenna or spatial) adj2 diversity) and demulitplex\$3) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:19 |
| - | 174 | space adj2 time adj2 encod\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:18 |
| - | 26 | (space adj2 time adj2 encod\$3) and demultiplex\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:19 |
| - | 24 | ((space adj2 time adj2 encod\$3) and demultiplex\$3) and symbol | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:19 |
| - | 0 | (((space adj2 time adj2 encod\$3) and demultiplex\$3) and symbol) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:39 |
| - | 0 | (space adj2 time adj2 symbol\$1) and (demulitplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:25 |
| - | 0 | 375/265.ccls. and (space adj2 time adj2 symbol\$1) and (demulitplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:25 |
| - | 0 | 375/.ccls. and (space adj2 time adj2 symbol\$1) and (demulitplex\$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:31 |
| - | 2 | 6208669.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:36 |
| - | 5 | (space adj2 time adj2 cod\$3) with (different adj2 symbol\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:05 |
| - | 1 | ((space adj2 time adj2 cod\$3) with (different adj2 symbol\$1)) and tone | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:39 |
| - | 0 | (((space adj2 time adj2 cod\$3) with (different adj2 symbol\$1)) and tone) and ((antenna adj2 diversity) or antenna\$1)) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:41 |
| - | 1 | (((space adj2 time adj2 cod\$3) with (different adj2 symbol\$1)) and tone) and ((antenna adj2 diversity) or antenna\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:55 |
| - | 4259 | ((antenna adj2 diversity) or antenna\$1) same symbol | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:41 |
| - | 495 | (((antenna adj2 diversity) or antenna\$1) same symbol) and demultiplex\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:41 |

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|---------------------|
| 1 | 0 | (space adj2 time adj2 cod\$3) same (refin\$5 adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:09 |
| 2 | 4 | (space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5 or perfect\$3) adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:15 |
| 3 | 1 | ((space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5 or perfect\$3) adj2 estimat\$5)) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:15 |
| 4 | 2 | (space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5) adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:23 |
| 5 | 0 | ((space adj2 time adj2 cod\$3) same ((refin\$5 or improv\$5) adj2 estimat\$5)) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:15 |
| 6 | 6305 | ((refin\$5 or improv\$5) adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:24 |
| 7 | 356 | ((refin\$5 or improv\$5) adj2 channel adj2 estimat\$5) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:24 |
| 8 | 0 | ((refin\$5 or improv\$5) adj2 channel adj2 estimat\$5)) and (remov\$3 adj2 expect\$3 adj2 effect\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:34 |
| 9 | 3 | remov\$3 adj2 expect\$3 adj2 effect\$1 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:37 |
| 10 | 0 | (remov\$3 adj2 expect\$3 adj2 effect\$1) and channel adj2 estimat\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:35 |
| 11 | 0 | 375/.ccls. and (remov\$3 adj2 expect\$3 adj2 effect\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:38 |
| 12 | 0 | 375/240.ccls. and (remov\$3 adj2 expect\$3 adj2 effect\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 17:38 |

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|---|-----|--|---|---------------------|
| - | 147 | (((antenna adj2 diversity) or antenna\$1) same symbol) and demultiplex\$3) and @ad<19990723 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:41 |
| - | 12 | (((antenna adj2 diversity) or antenna\$1) same symbol) and demultiplex\$3) and @ad<19990723) and space adj2 time | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:54 |
| - | 0 | ((different adj2 symbol\$1) near tone) and ((antenna adj2 diversity) or antenna\$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:55 |
| - | 2 | (different adj2 symbol\$1) near tone | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/09/27 15:55 |